

Pending nomination No. 1233 and new nomination No. 1241 were read.

The Curators reported progress in the matters committed to them by resolution of March 18.

The following resolutions offered by Mr. Bache at the last meeting then came up:

Resolved. That, if the funds of the Society permit, this room be now put in charge of a Committee, for the purpose of receiving such treatment as to its walls, ceiling and columns as accord with the character of the Society, and that the Society instruct the Curators to exclude from the cases everything but such printed matter as is desirable for ready reference, and from the floor any articles which are not conducive to the primary purpose in this room of convenience of the members of the Society.

The first resolution, referring to the decoration of the room, was withdrawn, and, owing to the lateness of the hour, the further consideration of the second resolution was postponed.

On motion of Dr. Hays, the Librarian was requested to remove from their present place of storage the books, MSS., etc., belonging to the Society.

The Committee appointed February 5, 1892, on the Columbian Celebration, was increased to five members, Dr. Ryder and Mr. Horner being added.

And the Society was adjourned by the President.

APRIL 15 falling on Good Friday, no meeting of the Society was held.

Stated Meeting, May 6, 1892.

Present, 8 members.

Mr. RICHARD VAUX in the Chair.

Letters were received as follows:

A circular inviting subscriptions for the erection of a monument to Prof. G. A. Hirn, in Colmar, Alsace.

Program of the First Anniversary of the Tacoma Academy of Sciences, April 28, 1892.

A circular letter from the Musée D'Oaxaca, Mexico, announcing the death of M. le Général Mariano Jiménez, Gouverneur constitutional de l'Etat de Michoacan d'Ocampo, February 28, 1892.

A letter from Mrs. Caroline Lewis, Secretary of the Loan Exhibition in connection with the University Lecture Association, Philadelphia, returning thanks to the Society for the loan of the busts of La Fayette and Franklin.

The following donations to the cabinet were received:

A photograph for the Society's album from Charles E. Sajous, M.D., Philadelphia.

A framed engraving of David Rittenhouse, LL.D., by E. Savage, Philadelphia, 1796, after the portrait by C. W. Peale, from Miss Emily Phillips.

Letters of envoy were received from the K. K. Astronomisch-Meteorologisches Observatorium, Triest, Austria; Bath and West and Southern Counties Society, Bath, England; Department of Science and Art, London, England; Department of the Interior, Washington, D. C.; Museo Nacional de Buenos Ayres.

Letters of acknowledgment of diploma were received from Rt. Rev. William Stubbs, Oxford, England; Prof. E. Mascart, Paris, France; Marquis Antonio De Gregorio, Palermo, Italy; Sir George G. Stokes, Cambridge, England; Mr. Charles Godfrey Leland, London, England; Mr. John Fulton, Johnstown, Pa.; Prof. Henry Willis, Philadelphia; Dr. W. J. Hoffman, Washington, D. C.

Letters of acknowledgment were received from the Royal Society of Victoria, Melbourne (136); Colonial Museum, Haarlem, Holland (136); Dr. Aristides Brezina, Vienna (136); Prof. Peter P. v. Tunner, Leoben, Austria (136); Gesellschaft für Erdkunde, Prof. F. Reuleaux, Berlin (136); Royal Saxon Society of Sciences (128, 135); Dr. Julius Platzmann, Leipzig (136); Union Geographique du Nord de la France, Donai, France (96-130 and Catalog, Parts i-iv); École Nationale

D'Agriculture, Montpellier, France (136); Editors of *Cosmos*, Profs. Abel Hovelacque, Emil Levasseur, Marquis de Nadailac (136); Prof. E. Mascart, Paris (131-136); Philosophical Society, University Library, Cambridge, England (136); Yorkshire Geological and Polytechnic Society, Halifax, England (136); Zoölogical Society (Trans. xvi, 3 and 130-136), Royal Society, R. Astronomical Society, Linnean Society, Royal Institution, Geological Society, R. Meteorological Society, Prof. William Crookes, Dr. William H. Flower, Sir Rawson W. Rawson, London, England (136); Mr. Samuel Timmins, Arley, Coventry, England (136); Natural History Society of Northumberland, etc., Newcastle-on-Tyne (136); Geographical Society, Manchester, England (96-130 and Catalog); Royal Society, Royal Observatory, Edinburgh (136); Mr. Hamilton A. Hill, Boston, Mass. (134); Harvard College, Cambridge, Mass. (Catalog, Part iv); Mrs. Helen Abbott Michael, Philadelphia (135, 136); Agricultural Experiment Station, Newark, Del. (135, 136); U. S. Naval Institute, Annapolis, Md. (136); U. S. Geological Survey, Washington, D. C. (136); Rev. Henry S. Osborne, Oxford, O. (136); State Agricultural College, Manhattan, Kans. (136); State University, Iowa City, Ia. (134, 136); California Academy of Sciences, San Francisco (136); Texas Agricultural Experiment Station, College Station (135, 136 and pams.); Musée de La Plata, Argentine Republic, S. A. (135); Mr. Everard F. im Thurn, Georgetown, British Guiana, S. A. (136).

Letters of acknowledgment (137) were received from the Geological Survey, Ottawa, Canada; Hon. J. M. Le Moine, Quebec; Sir Daniel Wilson, Canadian Institute, Toronto; Bowdoin College, Brunswick, Me.; Historical Society, Society of Natural History, Portland, Me.; Prof. C. H. Hitchcock, Hanover, N. H.; Vermont Historical Society, Montpelier; Amherst College Library, Amherst, Mass.; Museum of Comparative Zoölogy, Prof. Alexander Agassiz, Mr. Robert N. Toppan, Cambridge, Mass.; Institute of Technology, Boston Society of Natural History, Mass. Historical Society, Atheneum, Messrs. Thomas M. Drown, Hamilton Hill, Robert C.

Winthrop, Boston; Mr. James B. Francis, Lowell, Mass.; Free Public Library, New Bedford, Mass.; Dr. Pliny Earle, Northampton, Mass.; Essex Institute, Salem; Prof. Elihu Thomson, Swampscott, Mass.; American Antiquarian Society, Worcester, Mass.; Prof. George F. Dunning, Farmington, Conn.; Conn. Historical Society, Hartford; N. H. Colony Historical Society; Prof. James Hall, Albany; Prof. W. Le Conte Stevens, Brooklyn; Buffalo Library; Prof. Edward North, Clinton, N. Y.; Profs. T. F. Crane, J. M. Hart, B. G. Wilder, Ithaca, N. Y.; University of the City of New York, Historical Society, Amer. Institute of Electrical Engineers, N. Y. Hospital, Amer. Museum of Natural History, Profs. J. A. Allen, Daniel Draper, R. W. Raymond, J. J. Stevenson, W. P. Trowbridge, New York; Vassar Brothers' Institute, Poughkeepsie; Oneida Historical Society, Utica; Prof. Henry M. Baird, Yonkers; U. S. Military Academy, West Point; Dr. Charles R. Dudley, Altoona, Pa.; Dr. Robert H. Alison, Ardmore; Prof. Robert W. Rogers, Carlisle; Hon. Eckley B. Coxe, Drifton; Profs. J. W. Moore, Thomas C. Porter, Traill Green, Easton; Mr. Andrew S. McCreath, Harrisburg; Mr. John Fulton, Johnstown; Linnean Society, Lancaster; College of Physicians, Engineers' Club, Library Company of Philadelphia, Numismatic and Antiquarian Society, Academy of Natural Sciences, Wagner Free Institute, Messrs. Cadwaller Biddle, Arthur E. Brown, S. Castner, Jr., Robert Patterson Field, William W. Jefferis, G. deB. Keim, Benjamin Smith Lyman, James T. Mitchell, Robert Patterson, Franklin Platt, Theodore D. Rand, J. G. Rosengarten, Coleman Sellers, William P. Tatham, D. K. Tuttle, Louis Vossion, Ellis Yarnall, Profs. John Ashhurst, Jr., E. D. Cope, F. A. Genth, Jr., H. D. Gregory, Benjamin Sharp, Albert H. Smyth, H. W. Spangler, Admiral Macauley, Drs. D. G. Brinton, John H. Brinton, George Friebis, Charles A. Oliver, C. N. Pierce, W. S. W. Ruschenberger, William H. Wahl, Philadelphia; Prof. John F. Carll, Pleasantville; Rev. G. W. Anderson, Rosemont; Dr. John Curwen, Warren, Pa.; Philosophical Society, Messrs. Philip P. Sharples, Washington Townsend, West Chester;

Agricultural Experiment Station, Newark, Del.; Mr. William M. Canby, Wilmington, Del.; Mr. Isaac C. Martindale, Camden; Free Public Library, Jersey City; Profs. Charles W. Shields, C. A. Young, Princeton; Va. Historical Society, Richmond; Mr. Jed. Hotchkiss, Staunton, Va.; University of Virginia, Leander McCormick Observatory, Dr. J. W. Mallet, University of Virginia; West Va. University, Prof. J. C. White, Morgantown, W. Va.; Prof. Lyon G. Tyler, Williamsburg, Va.; U. S. Naval Institute, Annapolis, Md.; Maryland Institute, Peabody Institute, Baltimore; Agricultural Experiment Station, College Park, Md.; Agricultural Experiment Station, Raleigh, N. C.; Georgia Historical Society, Savannah; University of Alabama, Tuscaloosa; Prof. E. W. Claypole, Akron, O.; University of Cincinnati, Cincinnati Observatory; Journal of Comparative Neurology, Granville, O.; Rev. Henry S. Osborn, Oxford, O.; Dr. Robert Peter, Lexington, Ky.; Athenæum, Columbia, Tenn.; Prof. J. L. Campbell, Crawfordsville, Ind.; Purdue Experiment Station, LaFayette, Ind.; Col. William Ludlow, Detroit, Mich.; Academy of Natural Sciences, Davenport, Ia.; Iowa State University, Iowa City; Agricultural Experiment Station, State Historical Society of Wisconsin, Madison, Wis.; University of California, Berkeley; Prof. J. C. Branner, Menlo Park, Cal.; Agricultural Experiment Station, Lincoln, Neb.; Agricultural Experiment Station, Manhattan, Kans.; Kansas Academy of Science, Topeka.

Accessions to the Library were reported from the Royal Society of Victoria, Melbourne; Bataviaasche Genootschap van Kunsten en Wetenschappen; Osservatorio Marittimo, Trieste; K. K. Geographische Gesellschaft, Vienna, Austria; Physikalische Gesellschaft, K. P. Akademie der Wissenschaften, Berlin; Deutsche Seewarte, Hamburg; Verein für Erdkunde, Metz; Kolonial Museum, Haarlem, Holland; Société des Sciences, Liège; Institut R. Grandducal, Luxembourg; Naturwissenschaftliche Gesellschaft, St. Gall; Naturforschende Gesellschaft, Zurich; Società Africana D'Italia, Naples; R. Osservatorio Astronomico, Turin; Société Lan-

guedocienne de Geographie, Montpellier, France; M. Désiré Pector, Paris; Bath and West of England Society, and Southern Counties Association, Bath; Yorkshire Geological and Polytechnic Society, Halifax, England; Royal Meteorological Society, British Association for Advancement of Science, Solar Physics Committee, London; Natural History and Philosophical Society, Belfast; Philosophical Society, Glasgow; Mr. Horatio Hale, Clinton, Ontario, Canada; Marine Biological Laboratory, Boston; Public Library, Salem; American Antiquarian Society, Worcester; Yale University, New Haven; Historical Society, Buffalo; Columbia College, Historical Society, Prof. J. A. Allen, Hon. Seth Low, New York; Penna. State College, Harrisburg; University of Pennsylvania, Mercantile Library, Prof. Albert H. Smyth, Drs. D. G. Brinton, Charles K. Mills, C. A. Oliver, W. T. Parker, Messrs. W. S. Baker, Henry Phillips, Jr., Philadelphia; U. S. Naval Institute, Annapolis; Johns Hopkins University, Baltimore; Department of the Interior, U. S. Coast and Geodetic Survey, Bureau of Ethnology, Dr. A. C. Peale, Washington, D. C.; Elisha Mitchell Scientific Society, Raleigh, N. C.; General Society of the Sons of Revolution, Savannah, Ga.; Society of Natural History, Cincinnati; Academy of Science, St. Louis, Mo.; University of California, Berkeley; Academy of Sciences, Mercantile Library Association, San Francisco; State Board of Agriculture, Lansing, Mich.; State Historical Society, Fremont, Neb; University of Nebraska; Observatorio Meteorologico-Magnetico Central, Mexico; Museo Nacional, Buenos Aires, S. A.; Agricultural Experiment Stations: Hanover, N. H., Amherst, Mass., Uniontown, Ala., Lexington, Ky., Knoxville, Tenn., Agricultural College, Mich., Madison, Wis., Topeka, Kans., Las Cruces, N. M., Brookings, S. Dak., Tucson, Ariz.

Mr. Bache read a paper on "Civil and Military Photogrammetry."

A paper by Prof. Daniel G. Brinton, entitled "Further Notes on Fuegian Languages," was presented.

Prof. Cope presented a paper "On the Skull of the Dinosaurian *Laelaps Incrassatus*."

A paper by Prof. G. Baur (Worcester, Mass.), entitled "Additional Note on the Taxonomy of the Genus *Emys*," was presented.

Pending nominations Nos. 1233 and 1241 were read.

The following report of the Curators was presented and its consideration was postponed.

In response to the resolution of the Society, in which the Curators are instructed to state the nature of the Society's collections at present housed outside of this Hall, together with the space they would occupy if properly displayed, we have to report as follows :

1. Coins at Memorial Hall, deposited about 1878. The collection is small, probably not five hundred pieces. These could be easily displayed in a case such as that now at the southwest corner of this meeting room. There is, however, a fine oak cabinet belonging to the Society, at present in charge of the Numismatic Society, which is of ample capacity, and could be utilized if necessary.

2. The Poinsett and Keating collections of Mexican and other objects. These comprise about twenty-eight hundred objects of archaeological interest. The combined collection is perhaps unique in some respects, and was deposited at the Academy of Natural Sciences in 1878. We believe that this collection could be displayed fairly well in such space as that now occupied by the cases on the north wall of this meeting room, west of the door.

3. Various paleontological specimens deposited at the Academy of Natural Sciences in 1864.

4. The French metre, loaned to the Coast Survey some forty or fifty years ago, and in use by them as a standard.

5. A stone cannon ball fired at Queen Mary and Douglass as they were escaping from Loch Leven Castle. Loaned to the Historical Society March 31, 1874.

PATTERSON DU BOIS,
R. MEADE BACHE,
J. CHESTON MORRIS.

And the Society was adjourned by the presiding member.